

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE  
(REV. 2-2005)

ATTORNEY'S DOCKET NUMBER

L7725.05108

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**10/538842**

INTERNATIONAL APPLICATION NO.  
**PCT/EP2002/014745**

INTERNATIONAL FILING DATE  
**December 23, 2002**

PRIORITY DATE CLAIMED

TITLE OF INVENTION

**DATA RETRANSMISSION METHOD EMPLOYING SYMBOL REARRANGEMENT OVER THE GALOIS FIELD**

APPLICANT(S) FOR DO/EO/US

**Alexander GOLITSCHKE EDLER VON ELBWART  
Christian WENGERTER**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☐ Express Mail Label No.
23. ☒ Other items or information:

**PCT/IB/308**

**PCT/RO/101**

**Partial Application Data Sheet**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|  |              |  |                     |  |                |
|--|--------------|--|---------------------|--|----------------|
| U.S. APPLICATION NO (if known, see 37 CFR 1.5)<br><b>10/538842</b>   |              | INTERNATIONAL APPLICATION NO.<br><b>PCT/EP2002/014745</b>              |                     | ATTORNEY'S DOCKET NUMBER<br><b>L7725.05108</b> |                |
| The following fees are submitted:  |              |  |                     | <b>CALCULATIONS</b>                            | <b>PTO USE</b> |
| 24. <input checked="" type="checkbox"/> Basic national fee   |              | \$300  |                     | \$   | \$300.00       |
| 25. <input checked="" type="checkbox"/> Examination fee  |              |  |                     |  |                |
| If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).  |              | \$100  |                     | \$   | \$200.00       |
| All other situations.  |              | \$200  |                     |  |                |
| 26. <input checked="" type="checkbox"/> Search fee   |              |  |                     |  |                |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority  |              | \$100  |                     |  |                |
| International Search Report prepared and provided to the Office  |              | \$400  |                     |  |                |
| All other situations.  |              | \$500  |                     | \$   | \$500.00       |
| <b>TOTAL OF 24, 25 and 26 =</b>  |              |  |                     | \$   | \$1,000.00     |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |              |  |                     |  |                |
| Total Sheets   | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole) | RATE                |  |                |
| - 100 =  | 0            | /50 =  | 0                   | x  | \$250.00       |
|  |              |  |                     | \$   | \$0.00         |
| Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |  |                     | \$   |                |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA   | RATE                |  |                |
| Total claims   | 24 - 20 =    | 4  | x                   | \$50.00  | \$             |
| Independent claims   | 3 - 3 =      | 0  | x                   | \$200.00                                       | \$             |
| MULTIPLE DEPENDENT CLAIMS (if applicable) <input checked="" type="checkbox"/> + \$360.00   |              |  |                     | \$   | \$360.00       |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |  |                     | \$   | \$1,560.00     |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              |  |                     | \$   | \$0.00         |
| <b>SUBTOTAL =</b>  |              |  |                     | \$   | \$1,560.00     |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  |              |  |                     | \$   | \$0.00         |
| <b>TOTAL NATIONAL FEE =</b>  |              |  |                     | \$   | \$1,560.00     |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +  |              |  |                     | \$   | \$0.00         |
| <b>TOTAL FEES ENCLOSED =</b>   |              |  |                     | \$   | \$1,560.00     |
|  |              |  |                     | Amount to be                                   | \$             |
|  |              |  |                     | Amount to be                                   | \$             |
| a. <input checked="" type="checkbox"/> A check in the amount of \$ <b>\$1,560.00</b> to cover the above fees is enclosed.<br>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>19-4375</b> . A duplicate copy of this sheet is enclosed.<br>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. |              |  |                     |  |                |
| <b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.  |              |  |                     |  |                |
| SEND ALL CORRESPONDENCE TO:  |              |  |                     |  |                |
| James E. Ledbetter   |              |  | SIGNATURE           |  |                |
| STEVENS, DAVIS, MILLER & MOSHER, LLP   |              |  | James E. Ledbetter  |  |                |
| 1615 L. Street, NW, Suite 850  |              |  | NAME                |  |                |
| Washington, DC 20036   |              |  | 28,732              |  |                |
|  |              |  | REGISTRATION NUMBER |  |                |